

Data File : BM023876.D  
Acq On : 23 Nov 2019 02:45  
Operator : JU  
Sample : K5854-06  
Misc :  
ALS Vial : 18 Sample Multiplier: 1

Instrument :  
BNA\_M  
ClientSampleId :  
C0AC4

Quant Time: Nov 23 05:26:16 2019  
Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_M\METHODS\SOM-EPA-BM11119MA.M  
Quant Title : SVOA CALIBRATION  
QLast Update : Sat Nov 23 05:21:37 2019  
Response via : Initial Calibration

| Internal Standards        | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|---------------------------|-------|------|----------|-------|-------|----------|
| 1) 1,4-Dichlorobenzene-d4 | 7.51  | 152  | 413639   | 20.00 | ng/ul | 0.00     |
| 18) Naphthalene-d8        | 10.28 | 136  | 1655054  | 20.00 | ng/ul | 0.00     |
| 36) Acenaphthene-d10      | 14.17 | 164  | 1018336  | 20.00 | ng/ul | 0.00     |
| 62) Phenanthrene-d10      | 16.92 | 188  | 2069763  | 20.00 | ng/ul | 0.00     |
| 78) Chrysene-d12          | 21.13 | 240  | 2011536  | 20.00 | ng/ul | 0.00     |
| 86) Perylene-d12          | 23.29 | 264  | 2553325  | 20.00 | ng/ul | 0.00     |

#### System Monitoring Compounds

|                                |       |     |         |       |       |      |
|--------------------------------|-------|-----|---------|-------|-------|------|
| 3) 1,4-Dioxane-d8              | 3.05  | 96  | 32480   | 3.24  | ng/uL | 0.00 |
| 5) Phenol-d5                   | 6.70  | 99  | 759213  | 20.14 | ng/ul | 0.00 |
| 7) Bis-(2-Chloroethyl)ether-d  | 6.85  | 67  | 432859  | 19.98 | ng/ul | 0.00 |
| 9) 2-Chlorophenol-d4           | 7.05  | 132 | 613835  | 22.47 | ng/ul | 0.00 |
| 13) 4-Methylphenol-d8          | 8.23  | 113 | 539233  | 17.93 | ng/ul | 0.00 |
| 19) Nitrobenzene-d5            | 8.66  | 128 | 300589  | 25.37 | ng/ul | 0.00 |
| 22) 2-Nitrophenol-d4           | 9.37  | 143 | 348856  | 28.02 | ng/ul | 0.00 |
| 26) 2,4-Dichlorophenol-d3      | 9.92  | 165 | 628548  | 22.14 | ng/ul | 0.00 |
| 29) 4-Chloroaniline-d4         | 10.43 | 131 | 529082  | 16.97 | ng/ul | 0.00 |
| 44) Dimethylphthalate-d6       | 13.59 | 166 | 1861650 | 23.44 | ng/ul | 0.00 |
| 47) Acenaphthylene-d8          | 13.86 | 160 | 2268634 | 25.03 | ng/ul | 0.00 |
| 52) 4-Nitrophenol-d4           | 14.41 | 143 | 201411  | 14.86 | ng/ul | 0.01 |
| 58) Fluorene-d10               | 15.17 | 176 | 1657135 | 23.63 | ng/ul | 0.00 |
| 63) 4,6-Dinitro-2-methylphenol | 15.31 | 200 | 83088   | 6.94  | ng/ul | 0.00 |
| 71) Anthracene-d10             | 17.02 | 188 | 2531952 | 25.79 | ng/ul | 0.00 |
| 79) Pyrene-d10                 | 19.33 | 212 | 2698842 | 25.73 | ng/ul | 0.00 |
| 90) Benzo(a)pyrene-d12         | 23.16 | 264 | 3463088 | 25.77 | ng/ul | 0.01 |

#### Target Compounds

|                                |       |     |         |        | Qvalue |     |
|--------------------------------|-------|-----|---------|--------|--------|-----|
| 4) Benzaldehyde                | 6.66  | 77  | 25966   | 1.174  | ng/ul# | 1   |
| 6) Phenol                      | 6.73  | 94  | 245271  | 6.314  | ng/ul  | 96  |
| 14) Acetophenone               | 8.33  | 105 | 144202  | 3.074  | ng/ul  | 96  |
| 28) Naphthalene                | 10.33 | 128 | 514529  | 5.915  | ng/ul  | 99  |
| 32) Caprolactam                | 11.25 | 113 | 20392   | 2.304  | ng/ul  | 94  |
| 34) 2-Methylnaphthalene        | 11.96 | 142 | 533550  | 8.018  | ng/ul  | 96  |
| 35) 1-Methylnaphthalene        | 12.18 | 142 | 271324  | 4.134  | ng/ul  | 96  |
| 41) 1,1'-Biphenyl              | 12.99 | 154 | 150529  | 1.916  | ng/ul  | 98  |
| 45) Dimethylphthalate          | 13.63 | 163 | 459952  | 5.910  | ng/ul  | 99  |
| 48) Acenaphthylene             | 13.89 | 152 | 128241  | 1.406  | ng/ul# | 95  |
| 50) Acenaphthene               | 14.23 | 153 | 175818  | 2.715  | ng/ul  | 98  |
| 54) Dibenzofuran               | 14.57 | 168 | 277109  | 2.891  | ng/ul  | 97  |
| 59) Fluorene                   | 15.23 | 166 | 225574  | 2.901  | ng/ul# | 97  |
| 65) N-Nitrosodiphenylamine     | 15.44 | 169 | 63357   | 1.043  | ng/ul  | 89  |
| 70) Phenanthrene               | 16.96 | 178 | 3157786 | 27.699 | ng/ul  | 100 |
| 72) Anthracene                 | 17.06 | 178 | 898630  | 7.839  | ng/ul  | 99  |
| 75) Carbazole                  | 17.33 | 167 | 423525  | 4.432  | ng/ul  | 98  |
| 76) Di-n-butylphthalate        | 17.91 | 149 | 840398  | 7.975  | ng/ul  | 98  |
| 77) Fluoranthene               | 18.99 | 202 | 4367230 | 35.755 | ng/ul# | 95  |
| 80) Pyrene                     | 19.36 | 202 | 3945446 | 30.344 | ng/ul  | 97  |
| 81) Butylbenzylphthalate       | 20.27 | 149 | 173303  | 4.208  | ng/ul  | 88  |
| 83) Benzo(a)anthracene         | 21.12 | 228 | 2284660 | 17.219 | ng/ul  | 97  |
| 84) Bis(2-ethylhexyl)phthalate | 21.07 | 149 | 1950180 | 31.365 | ng/ul  | 99  |

Data Path : Z:\SVOASRV\HPCHEM1\BNA\_M\DATA\BM112219\  
Quantitation Report (Not Reviewed)

Data File : BM023876.D  
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Operator : JU  
Sample : K5854-06  
Misc :  
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Instrument :  
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ClientSampleId :  
C0AC4

Quant Time: Nov 23 05:26:16 2019  
Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_M\METHODS\SOM-EPA-BM111119MA.M  
Quant Title : SVOA CALIBRATION  
QLast Update : Sat Nov 23 05:21:37 2019  
Response via : Initial Calibration

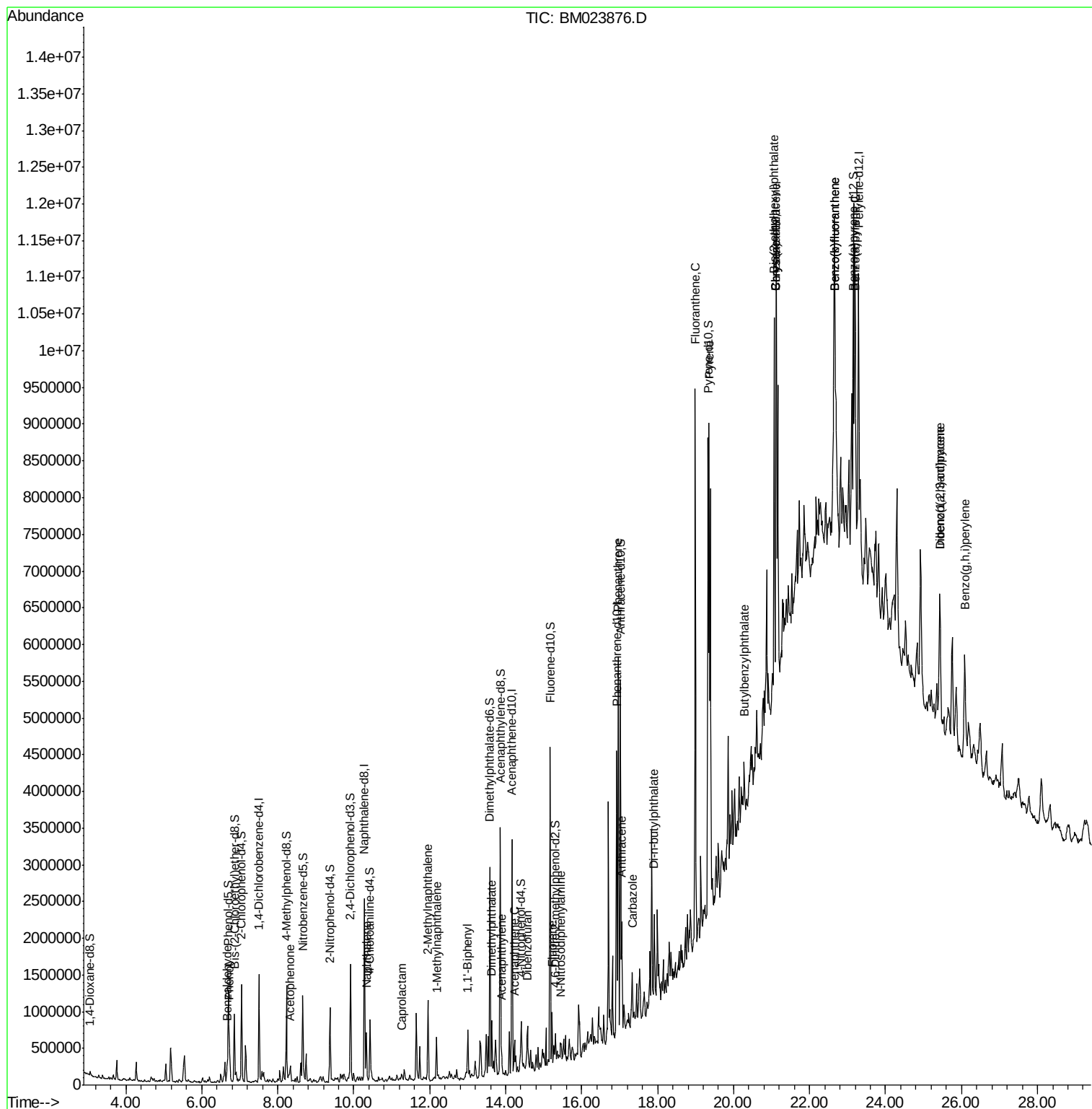
| Internal Standards         | R.T.  | QIon | Response | Conc   | Units  | Dev(Min) |
|----------------------------|-------|------|----------|--------|--------|----------|
| 85) Chrysene               | 21.12 | 228  | 2301738  | 18.427 | ng/ul  | 97       |
| 88) Benzo(b)fluoranthene   | 22.65 | 252  | 3528452  | 21.678 | ng/ul# | 95       |
| 89) Benzo(k)fluoranthene   | 22.65 | 252  | 3528452  | 22.501 | ng/ul# | 93       |
| 91) Benzo(a)pyrene         | 23.20 | 252  | 2250866  | 15.106 | ng/ul# | 94       |
| 92) Indeno(1,2,3-cd)pyrene | 25.43 | 276  | 1627358  | 10.214 | ng/ul  | 99       |
| 93) Dibenzo(a,h)anthracene | 25.43 | 278  | 425299   | 3.163  | ng/ul# | 83       |
| 94) Benzo(g,h,i)perylene   | 26.09 | 276  | 1595131  | 12.355 | ng/ul  | 98       |

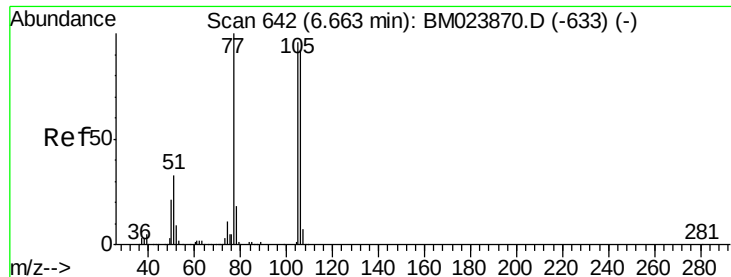
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SVOA CALIBRATION  
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Response via : Initial Calibration





#4

Benzaldehyde

Concen: 1.174 ng/ul

RT: 6.66 min Scan# 642

Delta R.T. 0.00 min

Lab File: BM023876.D

Acq: 23 Nov 2019 02:45

Instrument :

BNA\_M

ClientSampleId :

C0AC4

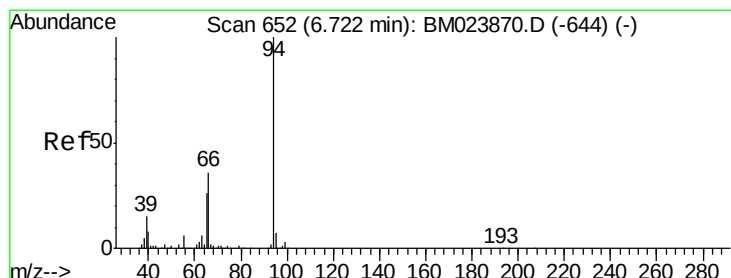
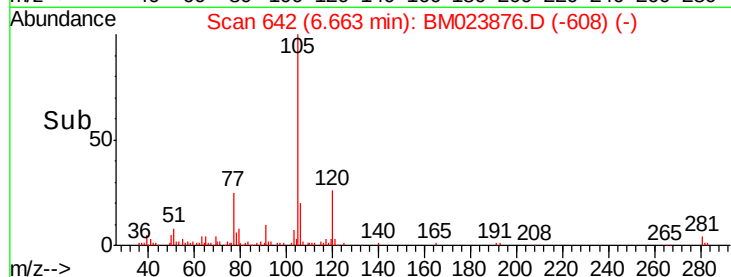
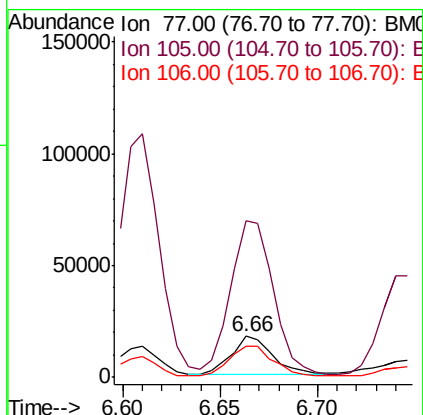
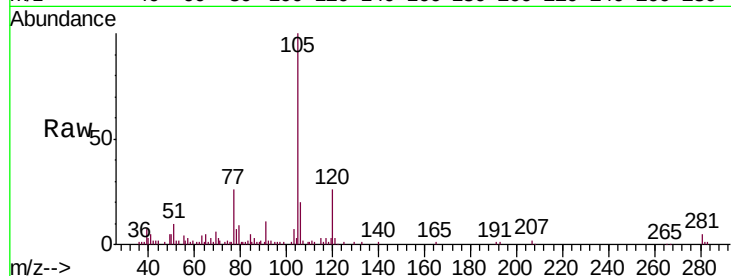
Tgt Ion: 77 Resp: 25966

Ion Ratio Lower Upper

77 100

105 381.0 75.9 113.9#

106 76.7 70.2 105.4



#6

Phenol

Concen: 6.314 ng/ul

RT: 6.73 min Scan# 653

Delta R.T. 0.01 min

Lab File: BM023876.D

Acq: 23 Nov 2019 02:45

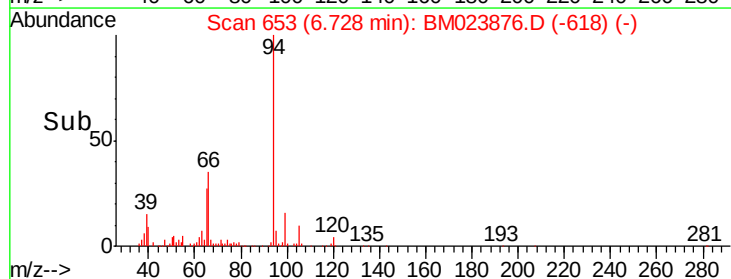
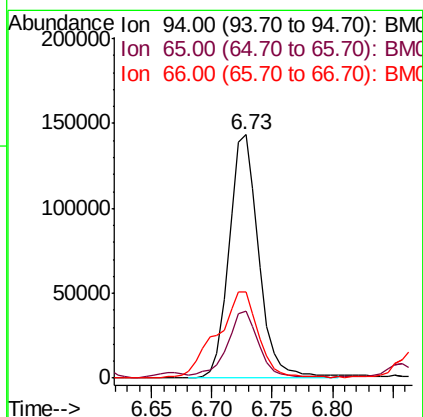
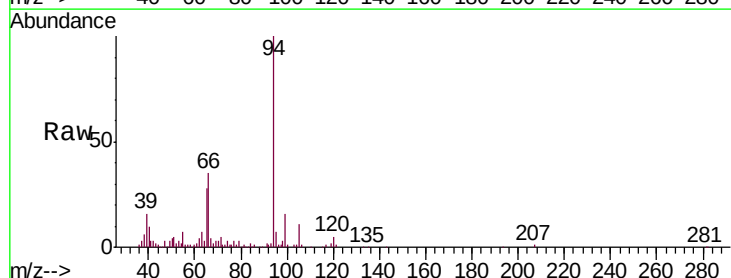
Tgt Ion: 94 Resp: 245271

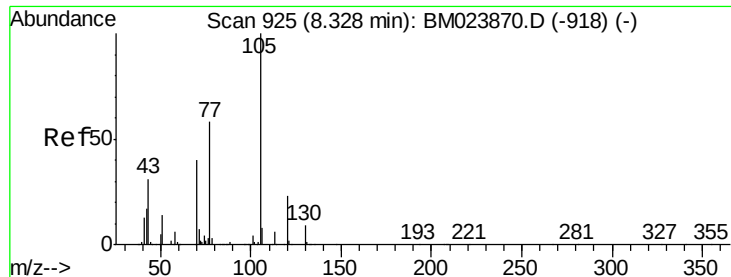
Ion Ratio Lower Upper

94 100

65 27.6 21.4 32.2

66 35.2 30.7 46.1

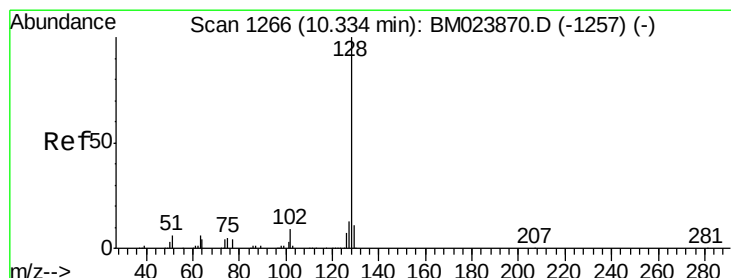
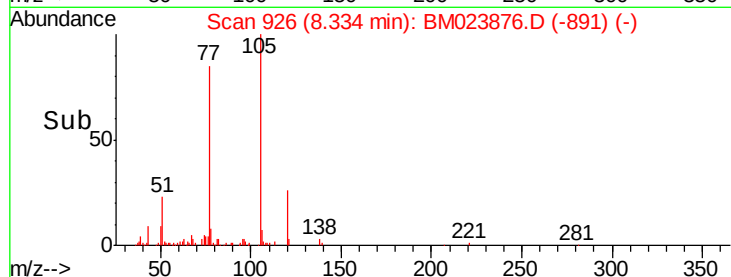
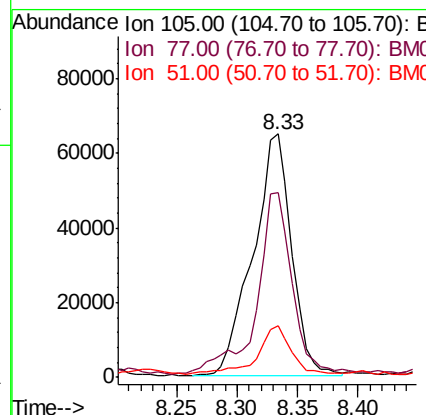
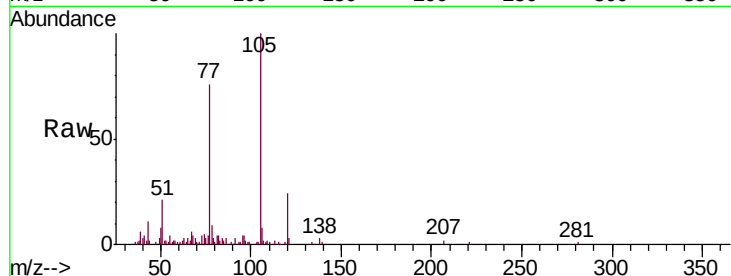




#14  
Acetophenone  
Concen: 3.074 ng/ul  
RT: 8.33 min Scan# 926  
Delta R.T. 0.01 min  
Lab File: BM023876.D  
Acq: 23 Nov 2019 02:45

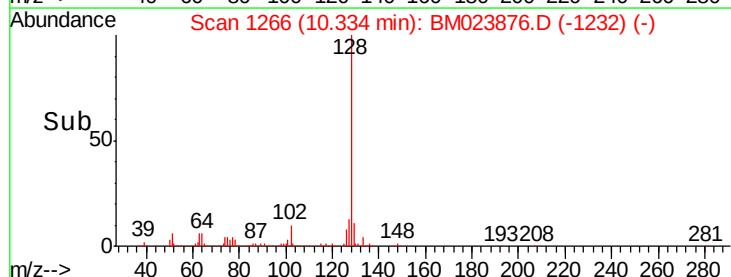
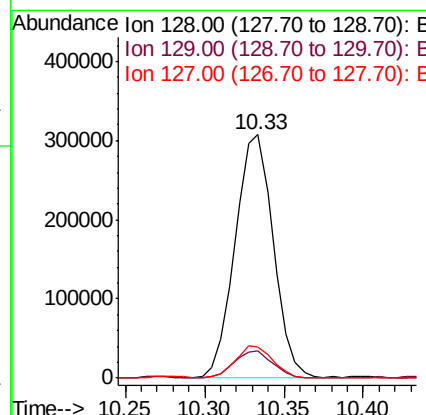
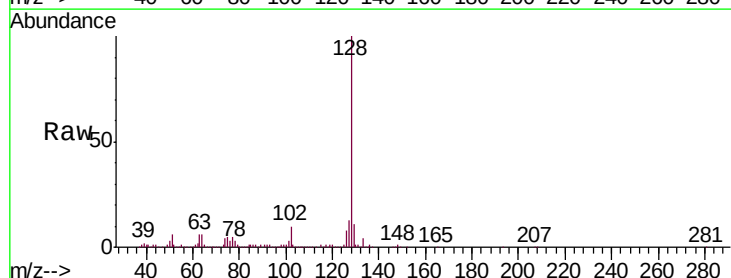
Instrument :  
BNA\_M  
ClientSampleId :  
C0AC4

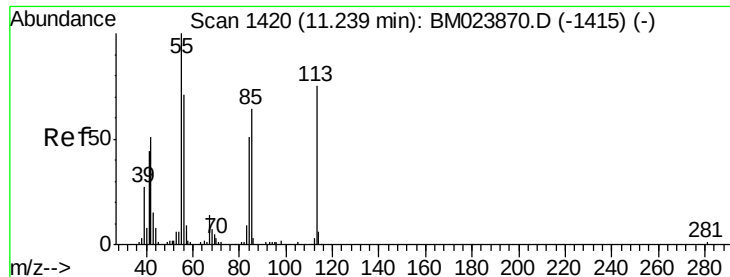
| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 105     | 100   |       |       |
| 77      | 76.0  | 63.8  | 95.6  |
| 51      | 21.2  | 16.3  | 24.5  |



#28  
Naphthalene  
Concen: 5.915 ng/ul  
RT: 10.33 min Scan# 1266  
Delta R.T. 0.00 min  
Lab File: BM023876.D  
Acq: 23 Nov 2019 02:45

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 128     | 100   |       |       |
| 129     | 11.0  | 8.7   | 13.1  |
| 127     | 13.0  | 10.6  | 16.0  |





#32

Caprolactam

Concen: 2.304 ng/ul

RT: 11.25 min Scan# 1422

Delta R.T. 0.01 min

Lab File: BM023876.D

Acq: 23 Nov 2019 02:45

Instrument :

BNA\_M

ClientSampleId :

C0AC4

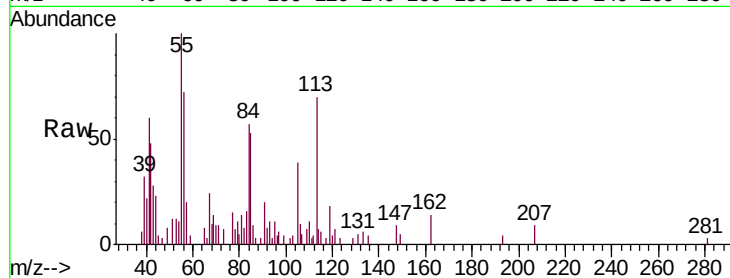
Tgt Ion:113 Resp: 20392

Ion Ratio Lower Upper

113 100

55 143.8 105.8 158.6

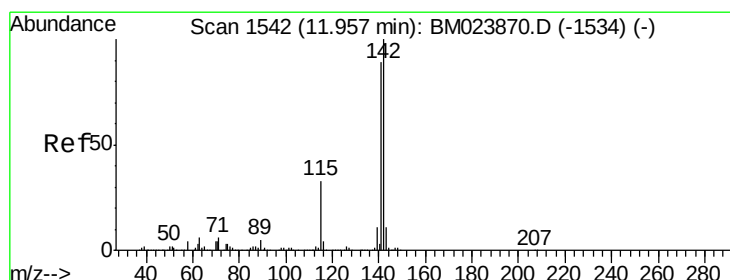
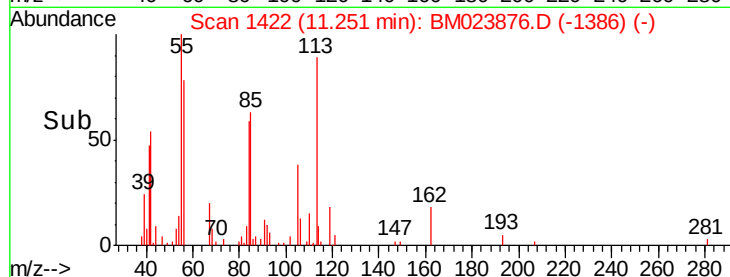
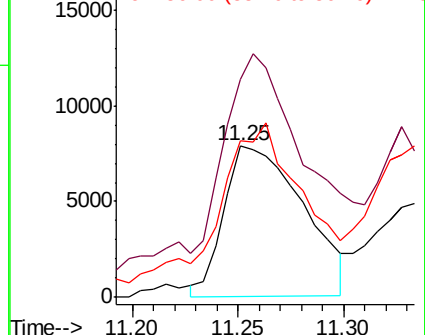
56 103.3 83.0 124.6



Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BM0

Ion 56.00 (55.70 to 56.70): BM0



#34

2-Methylnaphthalene

Concen: 8.018 ng/ul

RT: 11.96 min Scan# 1542

Delta R.T. 0.00 min

Lab File: BM023876.D

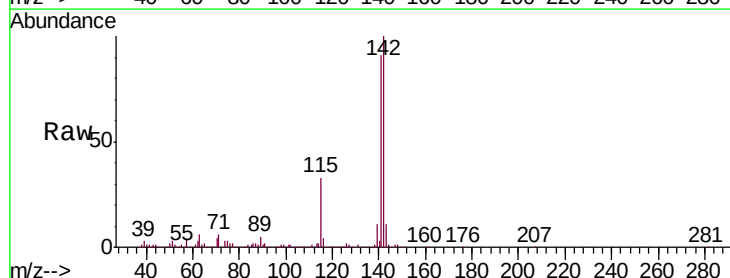
Acq: 23 Nov 2019 02:45

Tgt Ion:142 Resp: 533550

Ion Ratio Lower Upper

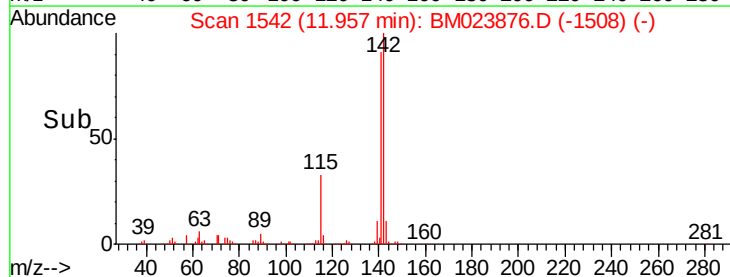
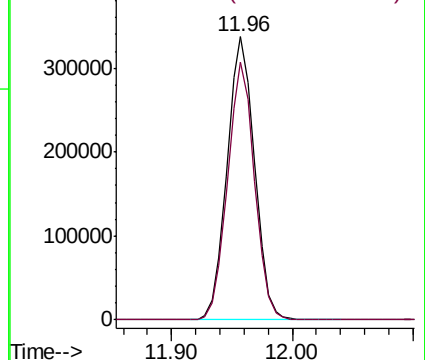
142 100

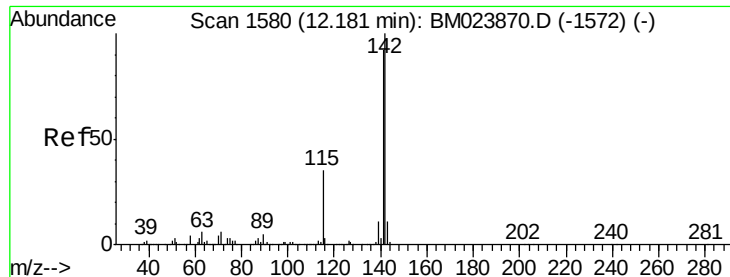
141 91.2 69.8 104.8



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E





#35

1-Methylnaphthalene

Concen: 4.134 ng/ul

RT: 12.18 min Scan# 1580

Delta R.T. 0.00 min

Lab File: BM023876.D

Acq: 23 Nov 2019 02:45

Instrument :

BNA\_M

ClientSampleId :

C0AC4

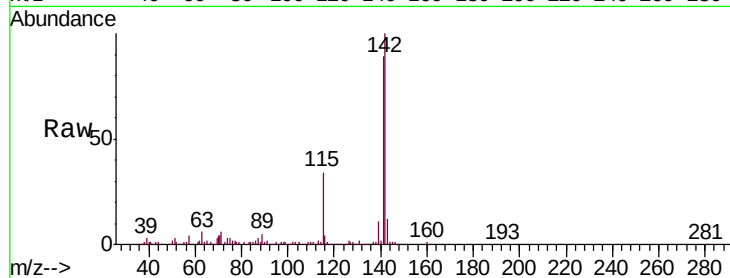
Tgt Ion:142 Resp: 271324

Ion Ratio Lower Upper

142 100

141 88.9 74.6 112.0

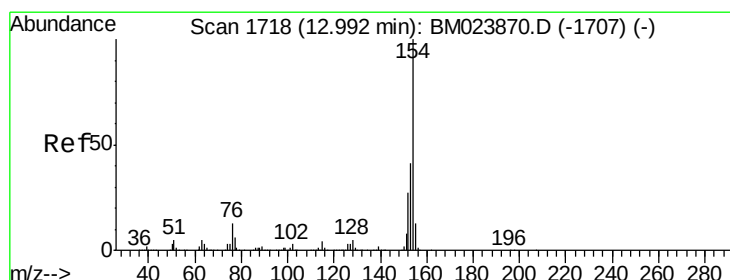
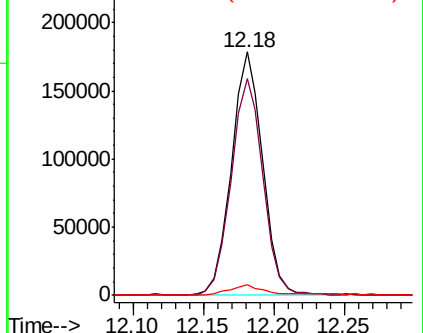
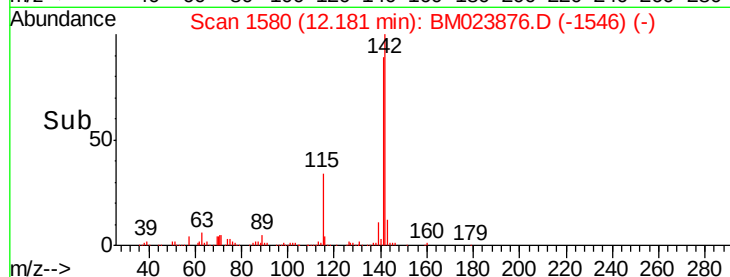
116 4.1 3.2 4.8



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 116.00 (115.70 to 116.70): E



#41

1,1'-Biphenyl

Concen: 1.916 ng/ul

RT: 12.99 min Scan# 1718

Delta R.T. 0.00 min

Lab File: BM023876.D

Acq: 23 Nov 2019 02:45

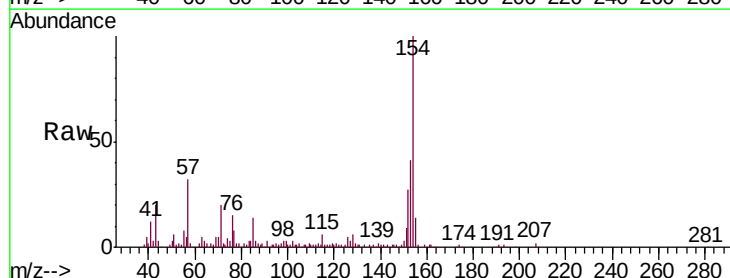
Tgt Ion:154 Resp: 150529

Ion Ratio Lower Upper

154 100

153 41.1 32.3 48.5

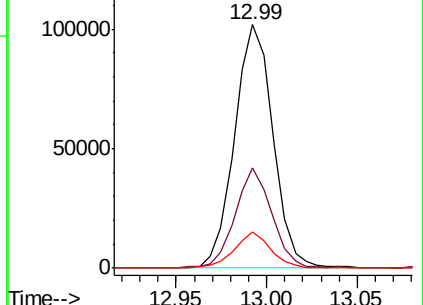
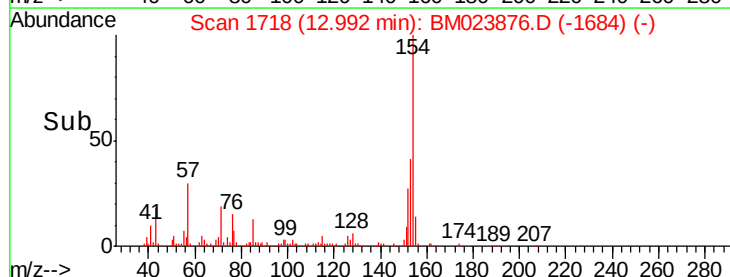
76 15.1 10.6 15.8

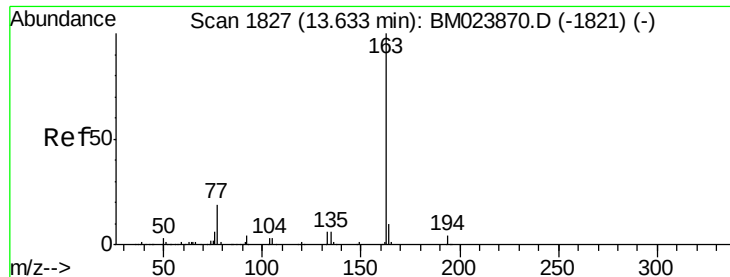


Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 76.00 (75.70 to 76.70): BM

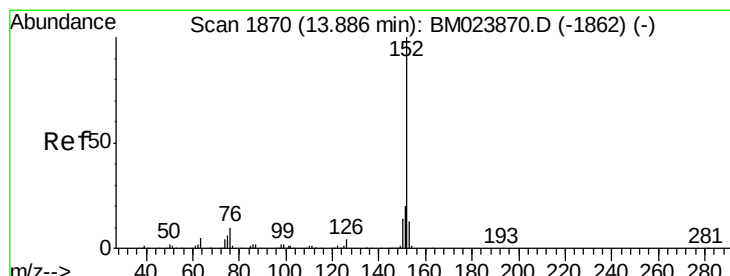
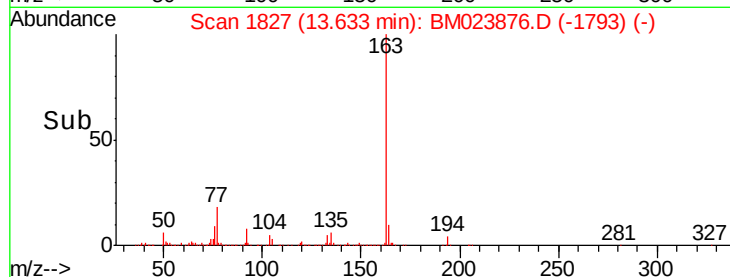
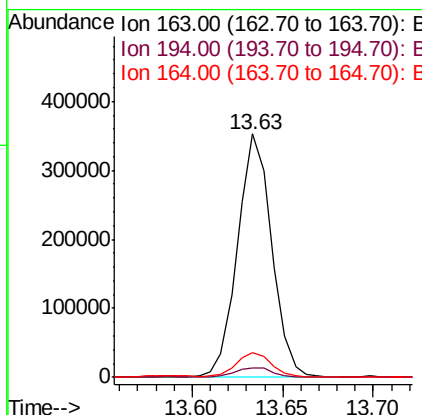
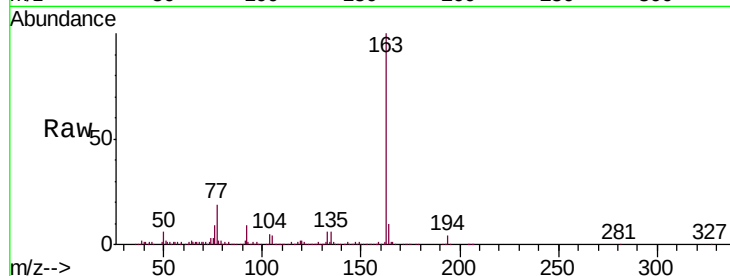




#45  
Dimethylphthalate  
Concen: 5.910 ng/ul  
RT: 13.63 min Scan# 1827  
Delta R.T. 0.00 min  
Lab File: BM023876.D  
Acq: 23 Nov 2019 02:45

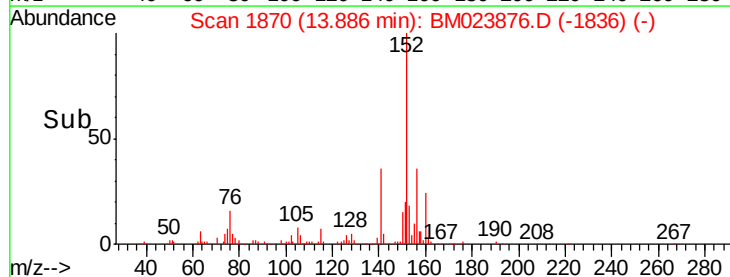
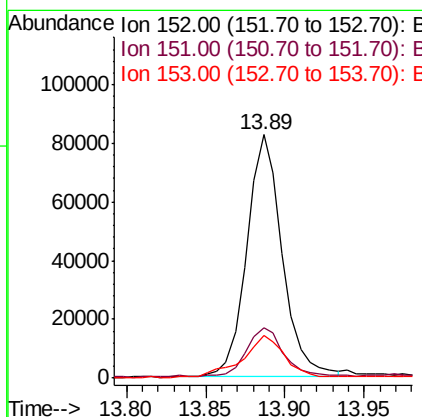
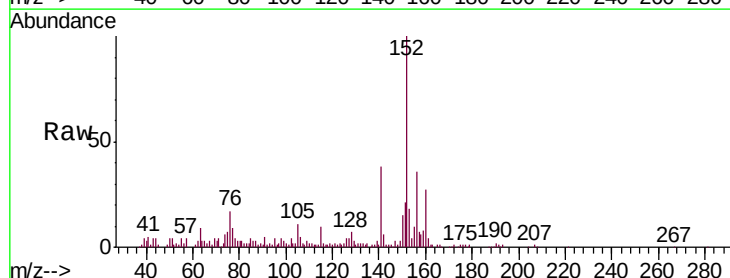
Instrument :  
BNA\_M  
ClientSampleId :  
C0AC4

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 163     | 100   |       |       |
| 194     | 4.1   | 3.4   | 5.2   |
| 164     | 10.2  | 8.0   | 12.0  |

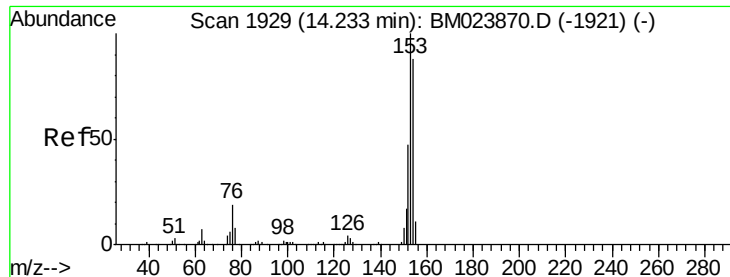


#48  
Acenaphthylene  
Concen: 1.406 ng/ul  
RT: 13.89 min Scan# 1870  
Delta R.T. 0.00 min  
Lab File: BM023876.D  
Acq: 23 Nov 2019 02:45

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 152     | 100   |       |       |
| 151     | 20.5  | 16.1  | 24.1  |
| 153     | 17.6  | 10.4  | 15.6  |







#50

Acenaphthene

Concen: 2.715 ng/ul

RT: 14.23 min Scan# 1929

Delta R.T. 0.00 min

Lab File: BM023876.D

Acq: 23 Nov 2019 02:45

Instrument :

BNA\_M

ClientSampleId :

C0AC4

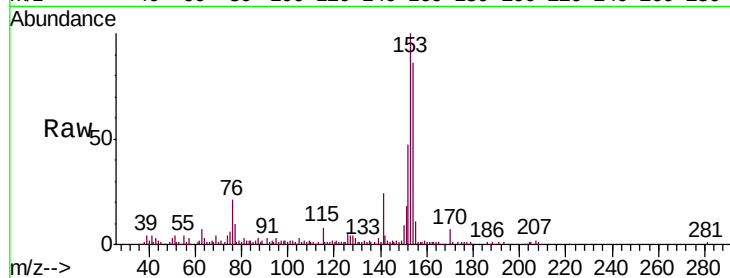
Tgt Ion:153 Resp: 175818

Ion Ratio Lower Upper

153 100

152 47.5 37.7 56.5

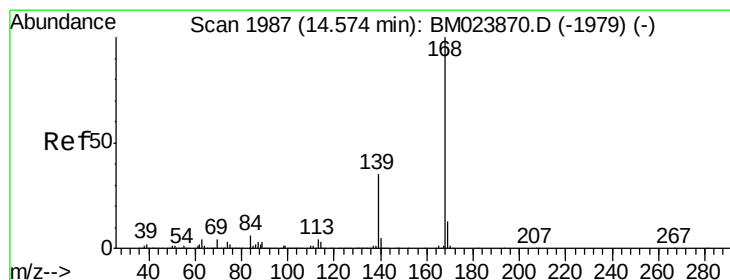
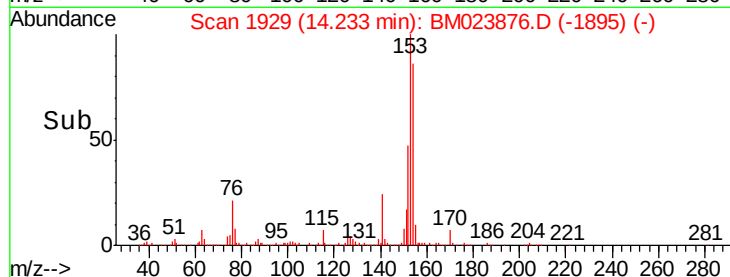
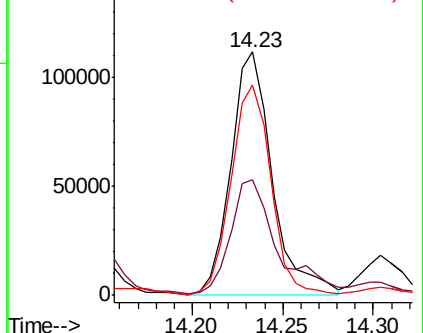
154 86.3 70.6 106.0



Abundance Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E

Ion 154.00 (153.70 to 154.70): E



#54

Dibenzofuran

Concen: 2.891 ng/ul

RT: 14.57 min Scan# 1986

Delta R.T. -0.01 min

Lab File: BM023876.D

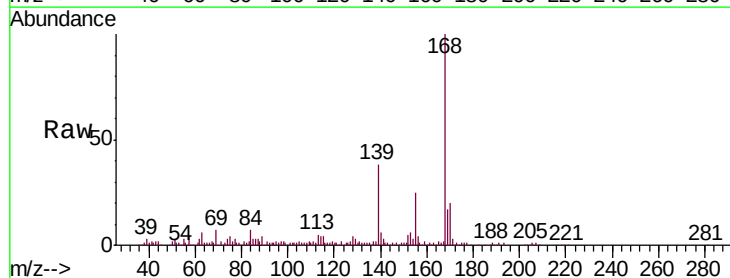
Acq: 23 Nov 2019 02:45

Tgt Ion:168 Resp: 277109

Ion Ratio Lower Upper

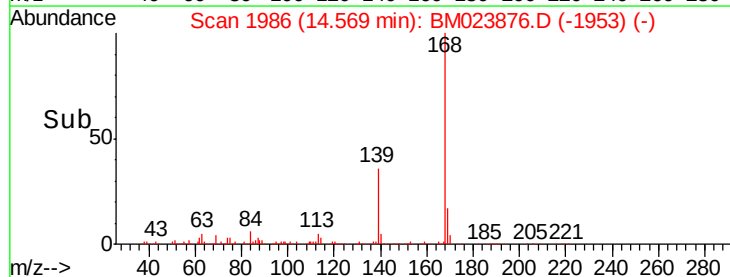
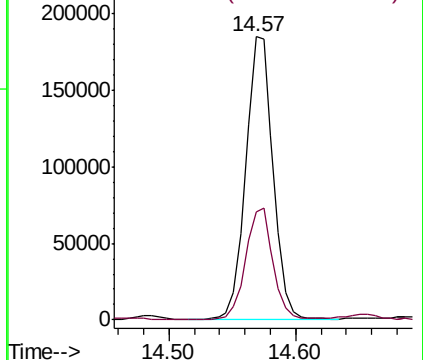
168 100

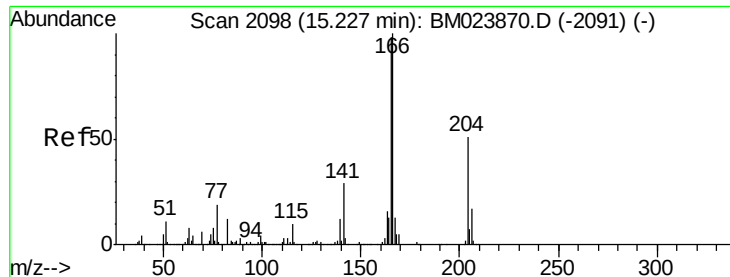
139 38.1 29.3 43.9



Abundance Ion 168.00 (167.70 to 168.70): E

Ion 139.00 (138.70 to 139.70): E





#59

Fluorene

Concen: 2.901 ng/ul

RT: 15.23 min Scan# 2098

Delta R.T. 0.00 min

Lab File: BM023876.D

Acq: 23 Nov 2019 02:45

Instrument :

BNA\_M

ClientSampleId :

C0AC4

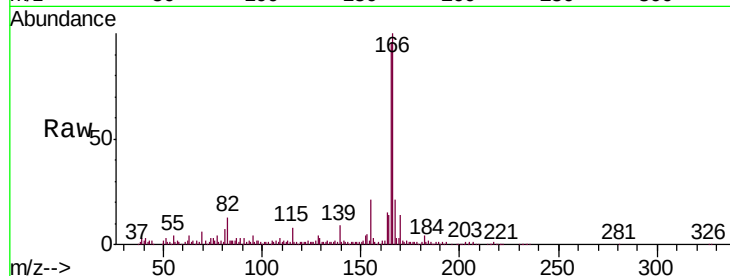
Tgt Ion:166 Resp: 225574

Ion Ratio Lower Upper

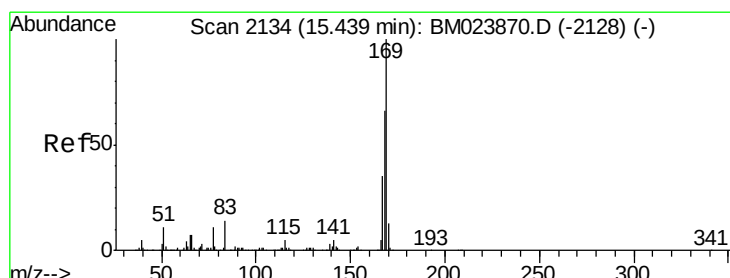
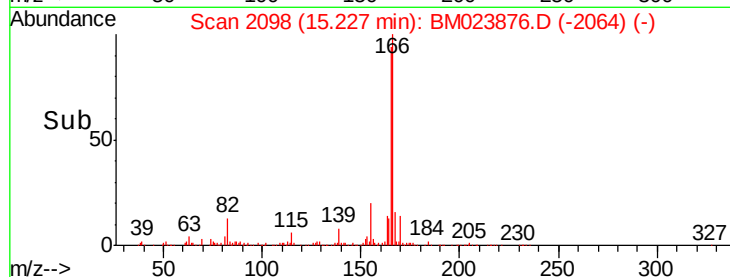
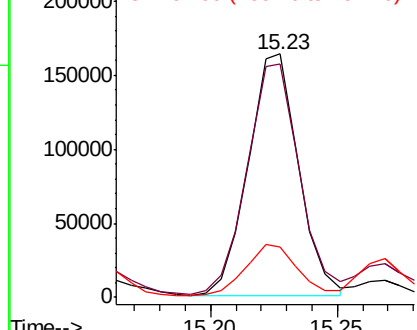
166 100

165 95.8 77.2 115.8

167 20.9 10.9 16.3#



Abundance Ion 166.00 (165.70 to 166.70): E  
Ion 165.00 (164.70 to 165.70): E  
Ion 167.00 (166.70 to 167.70): E



#65

N-Nitrosodiphenylamine

Concen: 1.043 ng/ul

RT: 15.44 min Scan# 2134

Delta R.T. 0.00 min

Lab File: BM023876.D

Acq: 23 Nov 2019 02:45

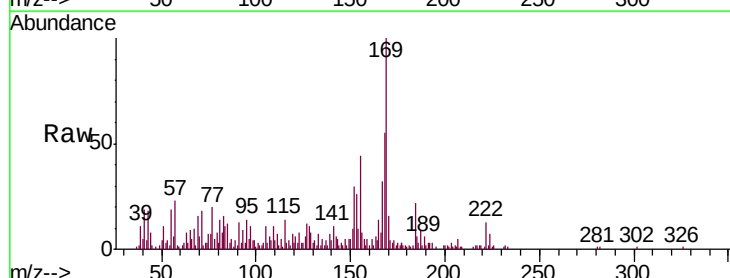
Tgt Ion:169 Resp: 63357

Ion Ratio Lower Upper

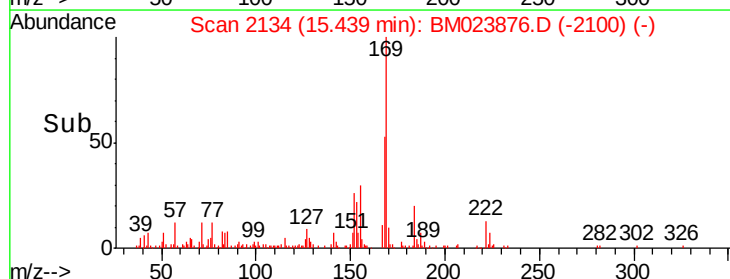
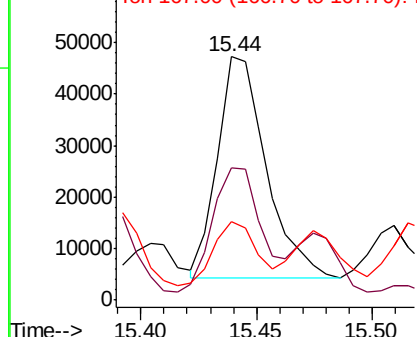
169 100

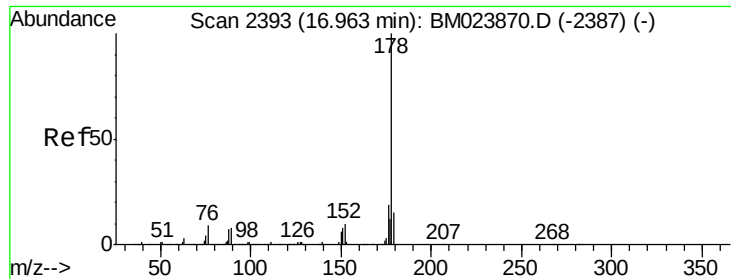
168 54.5 53.2 79.8

167 32.3 28.0 42.0



Abundance Ion 169.00 (168.70 to 169.70): E  
Ion 168.00 (167.70 to 168.70): E  
Ion 167.00 (166.70 to 167.70): E





#70

Phenanthrene

Concen: 27.699 ng/ul

RT: 16.96 min Scan# 2393

Delta R.T. 0.00 min

Lab File: BM023876.D

Acq: 23 Nov 2019 02:45

Instrument :

BNA\_M

ClientSampleId :

C0AC4

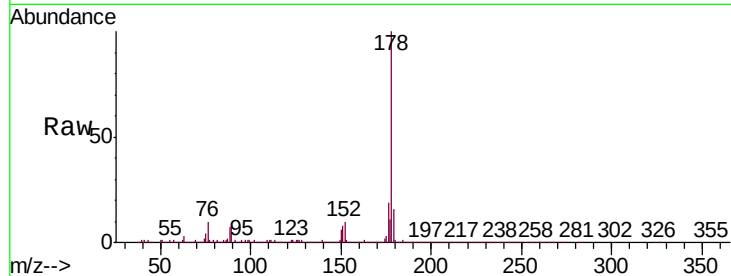
Tgt Ion:178 Resp: 3157786

Ion Ratio Lower Upper

178 100

179 15.5 12.3 18.5

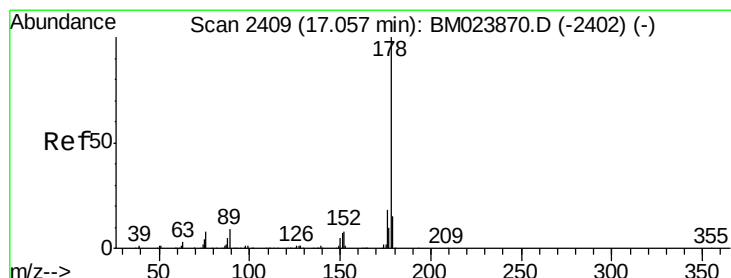
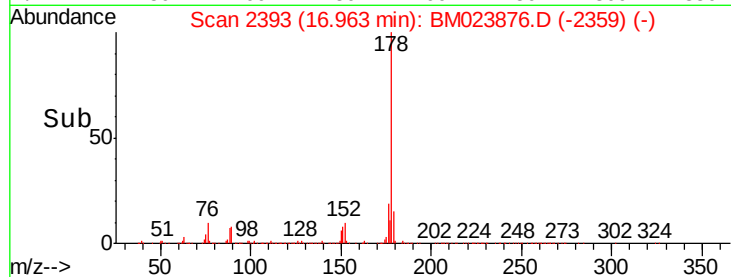
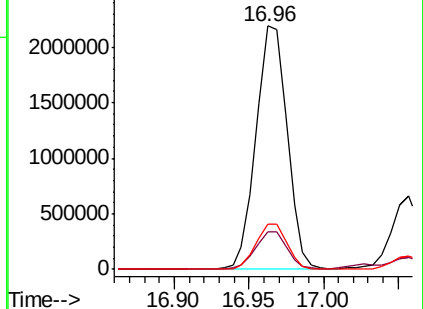
176 18.8 15.0 22.6



Abundance Ion 178.00 (177.70 to 178.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 176.00 (175.70 to 176.70): E



#72

Anthracene

Concen: 7.839 ng/ul

RT: 17.06 min Scan# 2409

Delta R.T. 0.00 min

Lab File: BM023876.D

Acq: 23 Nov 2019 02:45

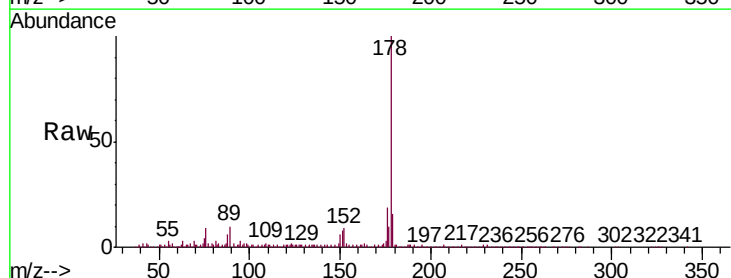
Tgt Ion:178 Resp: 898630

Ion Ratio Lower Upper

178 100

179 15.8 12.3 18.5

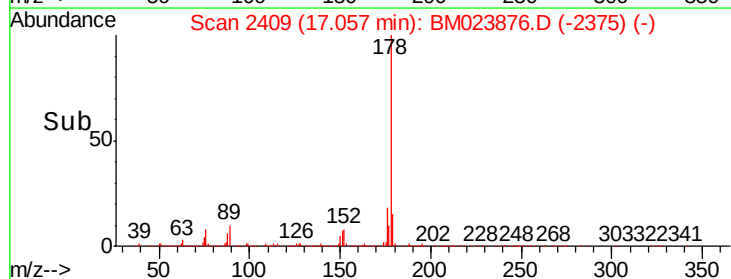
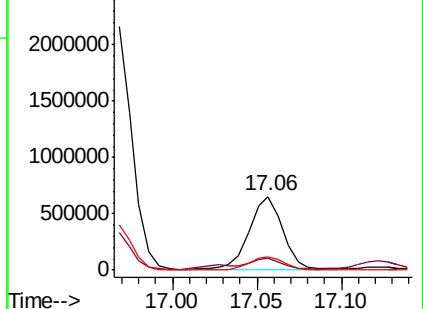
176 18.5 14.7 22.1

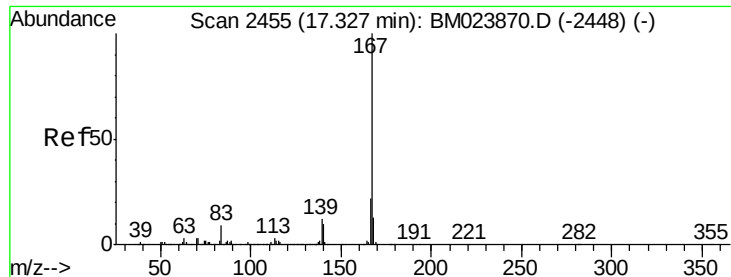


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 176.00 (175.70 to 176.70): E

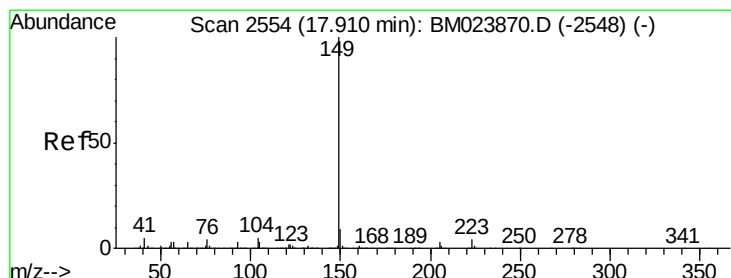
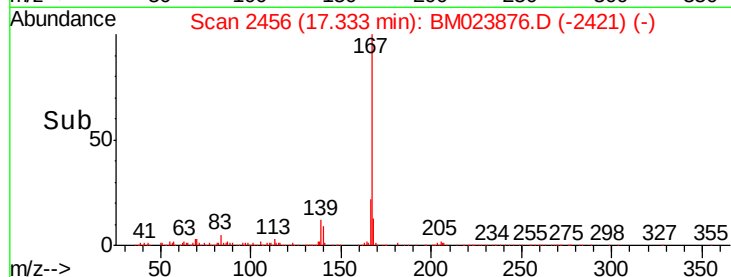
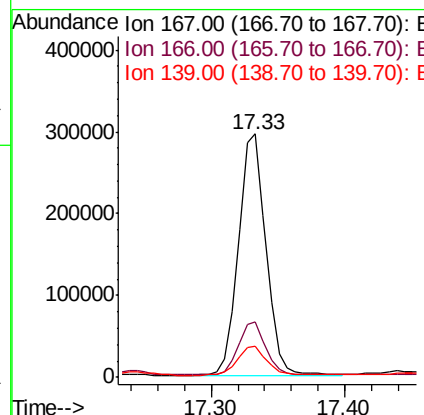
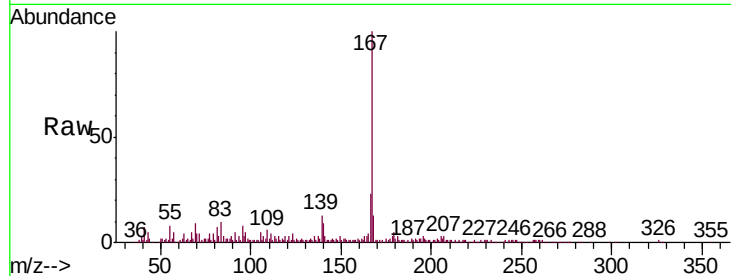




#75  
 Carbazole  
 Concen: 4.432 ng/ul  
 RT: 17.33 min Scan# 2456  
 Delta R.T. 0.01 min  
 Lab File: BM023876.D  
 Acq: 23 Nov 2019 02:45

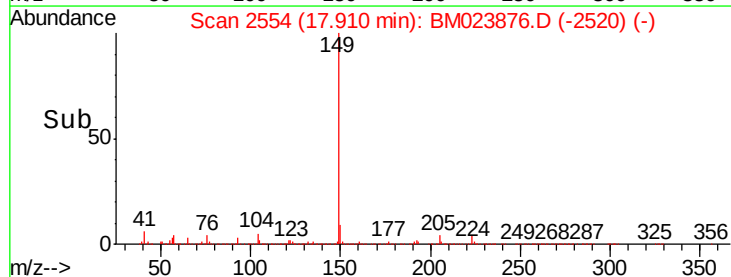
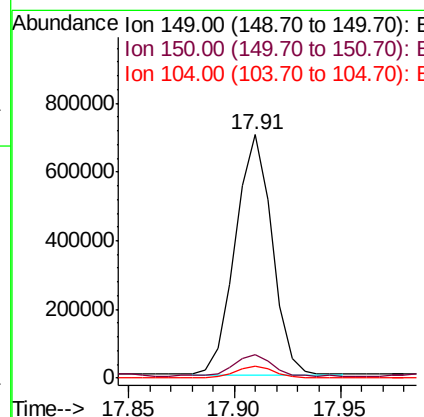
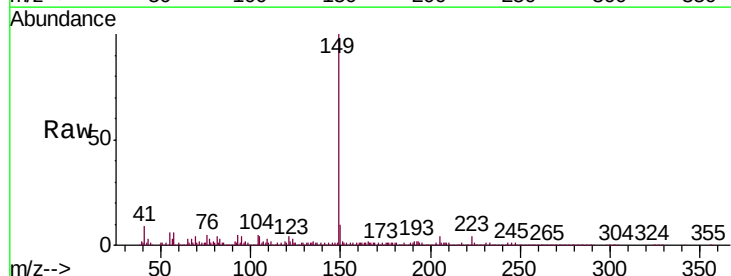
Instrument :  
 BNA\_M  
 ClientSampleId :  
 C0AC4

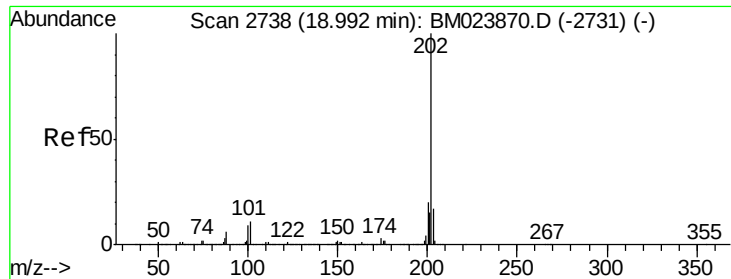
| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 167     | 100   |       |       |
| 166     | 22.7  | 17.1  | 25.7  |
| 139     | 12.9  | 9.8   | 14.6  |



#76  
 Di-n-butylphthalate  
 Concen: 7.975 ng/ul  
 RT: 17.91 min Scan# 2554  
 Delta R.T. 0.00 min  
 Lab File: BM023876.D  
 Acq: 23 Nov 2019 02:45

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 149     | 100   |       |       |
| 150     | 9.7   | 7.1   | 10.7  |
| 104     | 4.9   | 4.2   | 6.2   |

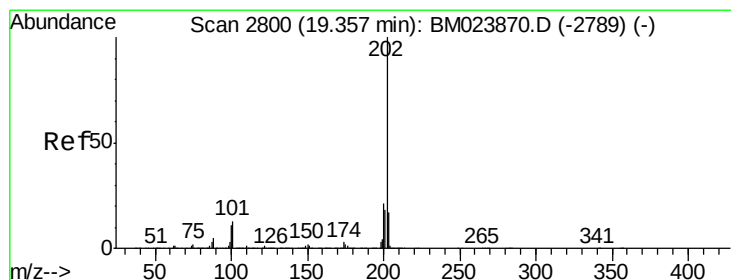
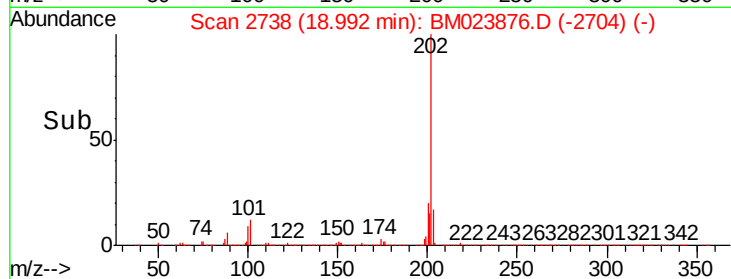
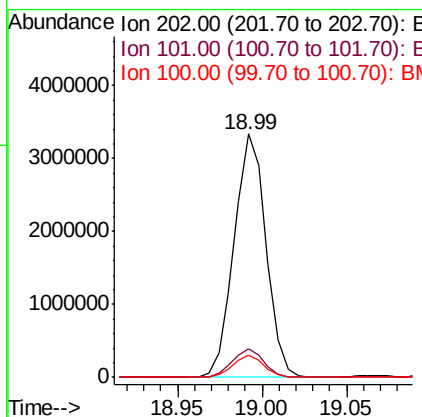
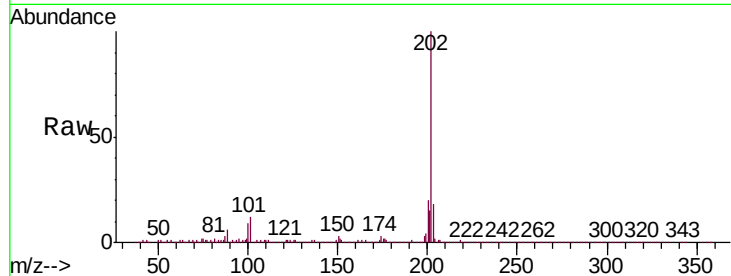




#77  
 Fluoranthene  
 Concen: 35.755 ng/ul  
 RT: 18.99 min Scan# 2738  
 Delta R.T. 0.00 min  
 Lab File: BM023876.D  
 Acq: 23 Nov 2019 02:45

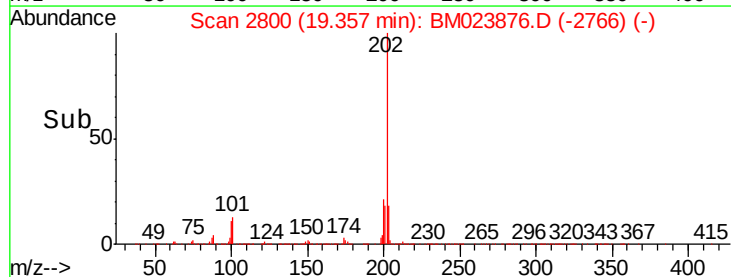
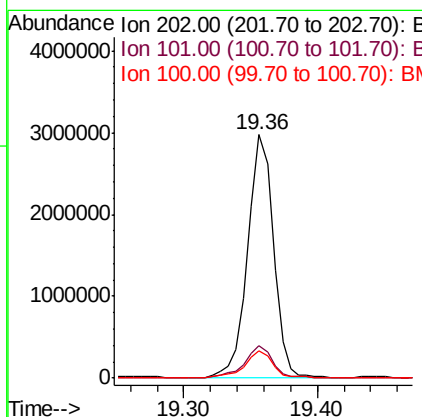
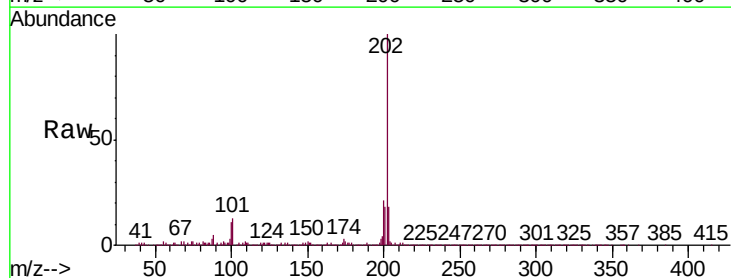
Instrument :  
 BNA\_M  
 ClientSampleId :  
 C0AC4

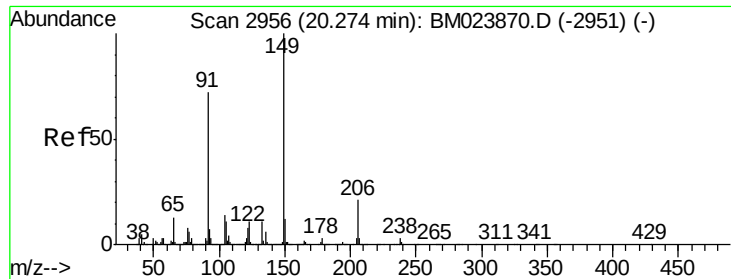
Tgt Ion:202 Resp: 4367230  
 Ion Ratio Lower Upper  
 202 100  
 101 11.8 7.7 11.5#  
 100 8.9 6.0 9.0



#80  
 Pyrene  
 Concen: 30.344 ng/ul  
 RT: 19.36 min Scan# 2800  
 Delta R.T. 0.00 min  
 Lab File: BM023876.D  
 Acq: 23 Nov 2019 02:45

Tgt Ion:202 Resp: 3945446  
 Ion Ratio Lower Upper  
 202 100  
 101 13.2 9.8 14.6  
 100 11.1 8.1 12.1

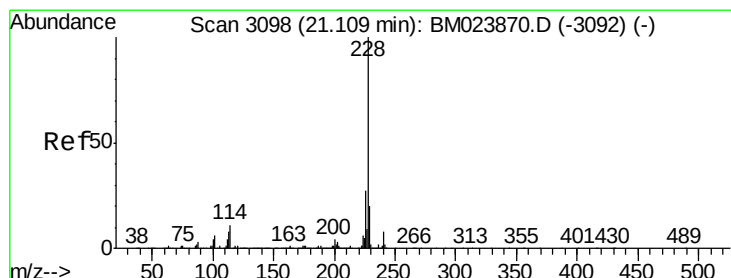
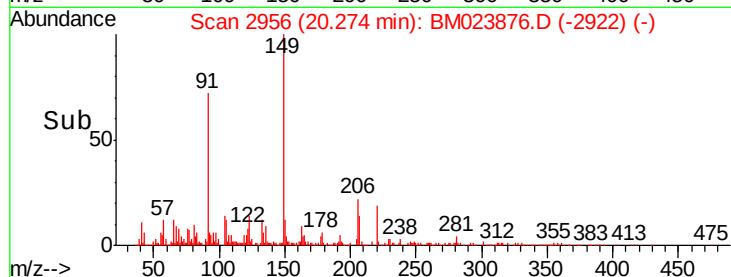
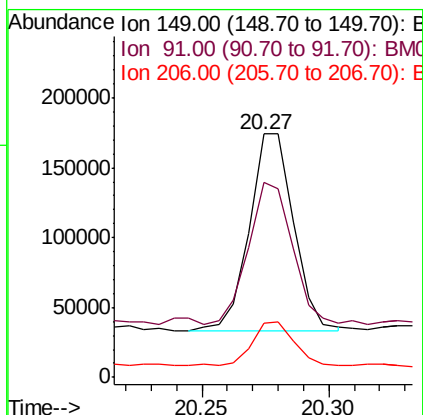
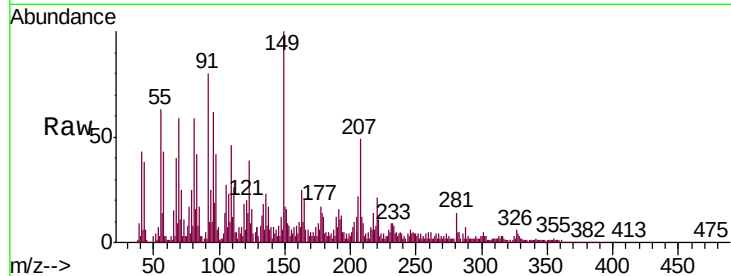




#81  
Butylbenzylphthalate  
Concen: 4.208 ng/ul  
RT: 20.27 min Scan# 2956  
Delta R.T. 0.00 min  
Lab File: BM023876.D  
Acq: 23 Nov 2019 02:45

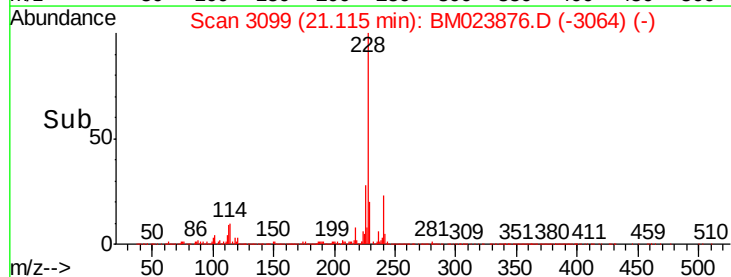
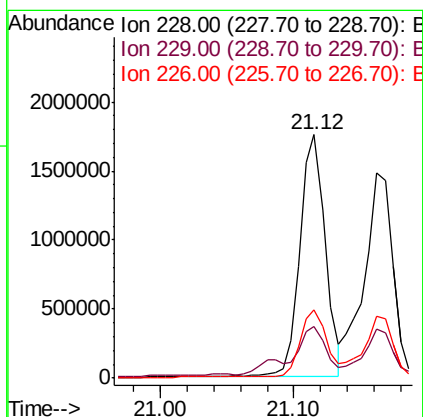
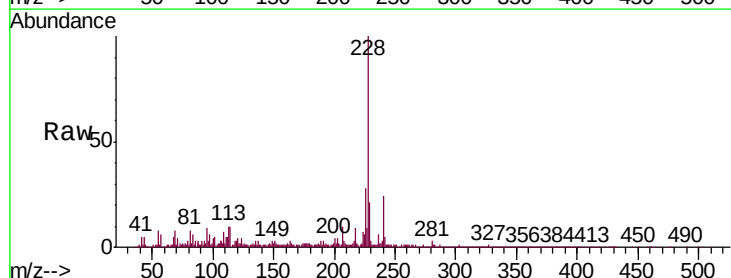
Instrument :  
BNA\_M  
ClientSampleId :  
C0AC4

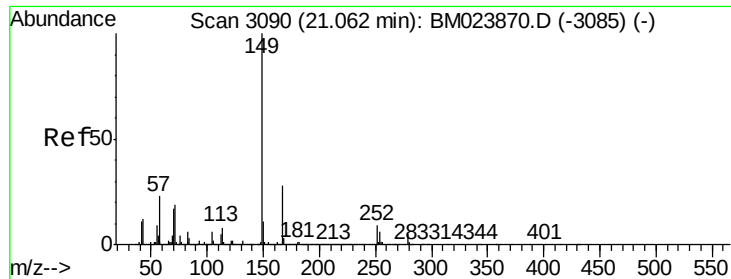
Tgt Ion:149 Resp: 173303  
Ion Ratio Lower Upper  
149 100  
91 80.2 54.9 82.3  
206 22.1 19.3 28.9



#83  
Benzo(a)anthracene  
Concen: 17.219 ng/ul  
RT: 21.12 min Scan# 3099  
Delta R.T. 0.01 min  
Lab File: BM023876.D  
Acq: 23 Nov 2019 02:45

Tgt Ion:228 Resp: 2284660  
Ion Ratio Lower Upper  
228 100  
229 21.2 15.6 23.4  
226 28.2 21.4 32.2





#84

Bis(2-ethylhexyl)phthalate

Concen: 31.365 ng/ul

RT: 21.07 min Scan# 3091

Delta R.T. 0.01 min

Lab File: BM023876.D

Acq: 23 Nov 2019 02:45

Instrument :

BNA\_M

ClientSampleId :

C0AC4

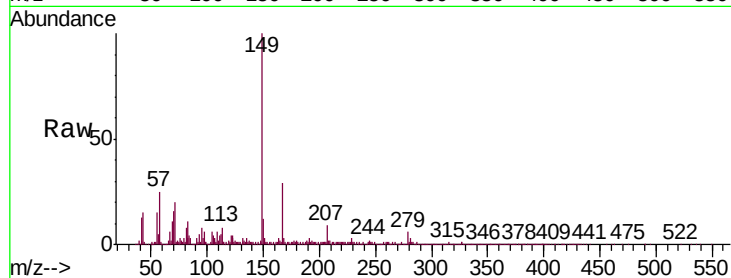
Tgt Ion:149 Resp: 1950180

Ion Ratio Lower Upper

149 100

167 28.7 23.4 35.2

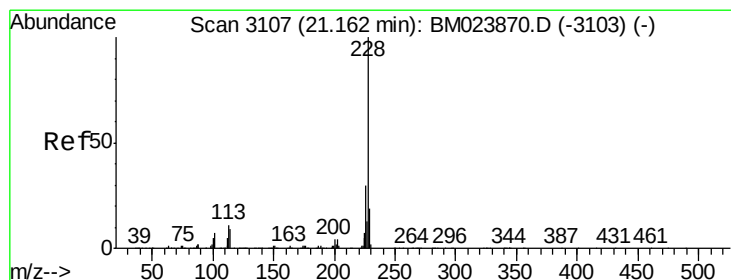
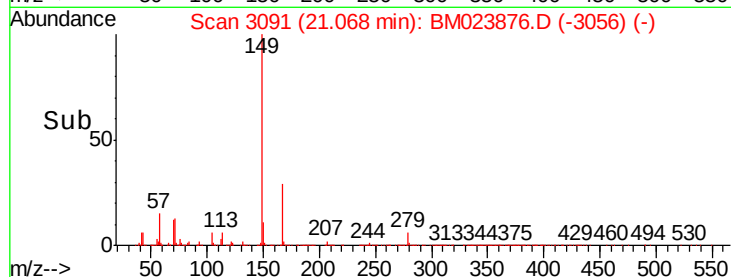
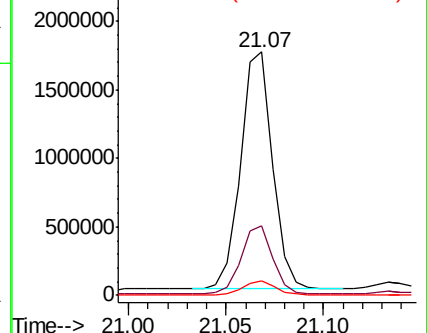
279 5.9 5.0 7.4



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E



#85

Chrysene

Concen: 18.427 ng/ul

RT: 21.12 min Scan# 3099

Delta R.T. -0.05 min

Lab File: BM023876.D

Acq: 23 Nov 2019 02:45

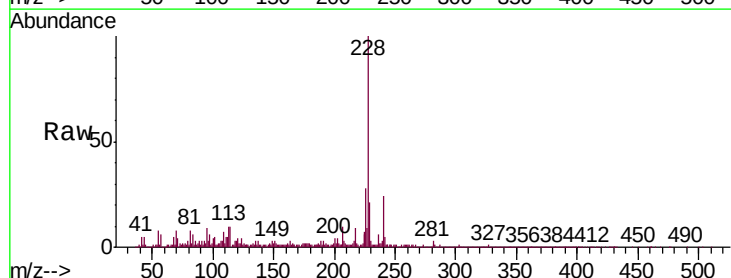
Tgt Ion:228 Resp: 2301738

Ion Ratio Lower Upper

228 100

226 28.2 23.8 35.8

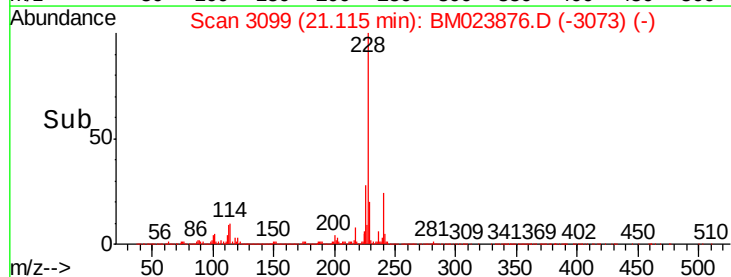
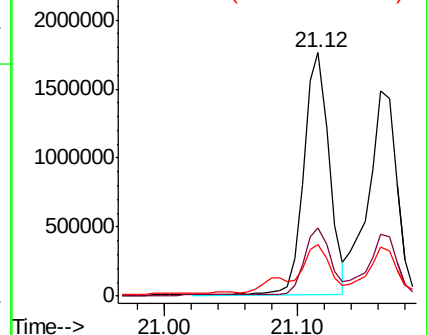
229 21.2 15.8 23.6

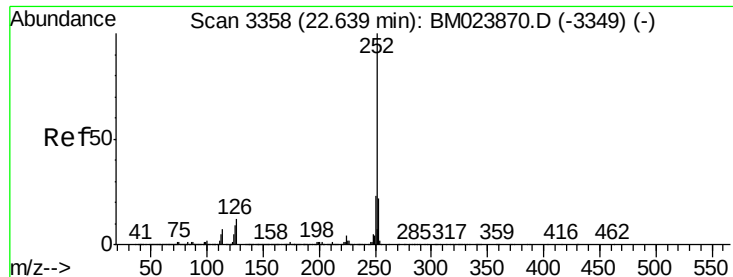


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





#88

Benzo(b)fluoranthene

Concen: 21.678 ng/uL

RT: 22.65 min Scan# 3360

Delta R.T. 0.01 min

Lab File: BM023876.D

Acq: 23 Nov 2019 02:45

Instrument :

BNA\_M

ClientSampleId :

C0AC4

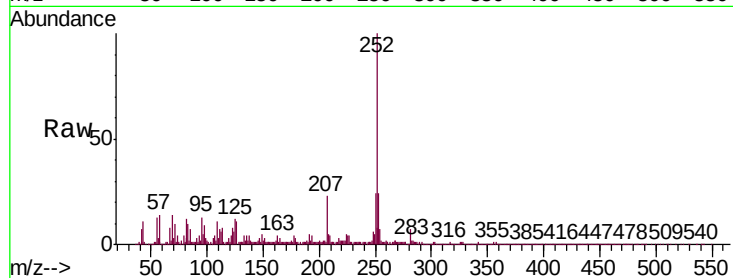
Tgt Ion:252 Resp: 3528452

Ion Ratio Lower Upper

252 100

253 23.7 17.8 26.8

125 12.3 6.5 9.7#

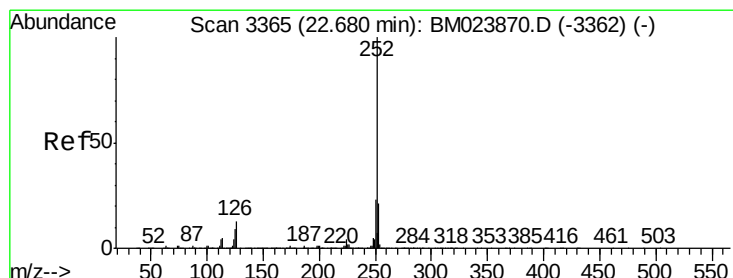
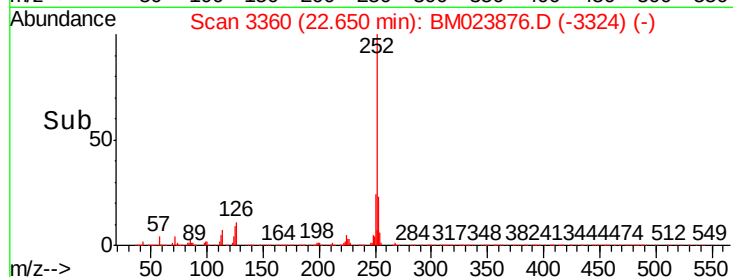
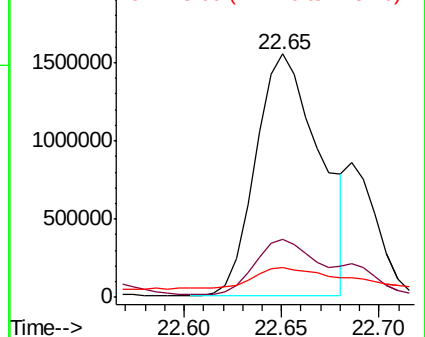


Abundance

Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#89

Benzo(k)fluoranthene

Concen: 22.501 ng/uL

RT: 22.65 min Scan# 3360

Delta R.T. -0.03 min

Lab File: BM023876.D

Acq: 23 Nov 2019 02:45

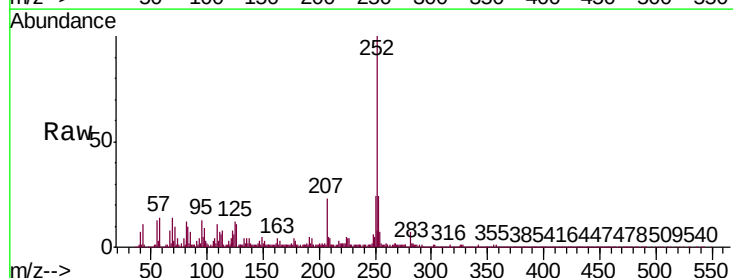
Tgt Ion:252 Resp: 3528452

Ion Ratio Lower Upper

252 100

253 23.7 17.2 25.8

125 12.3 5.9 8.9#

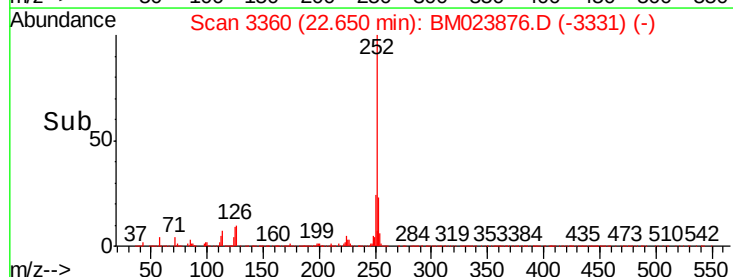
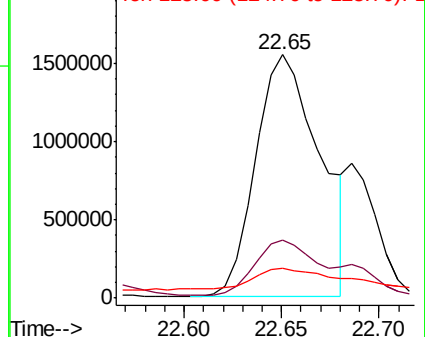


Abundance

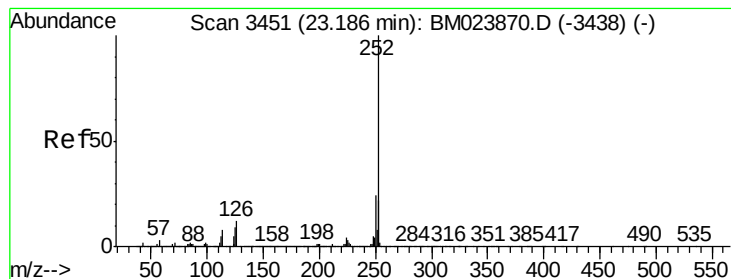
Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E







#91

Benzo(a)pyrene

Concen: 15.106 ng/ul

RT: 23.20 min Scan# 3453

Delta R.T. 0.01 min

Lab File: BM023876.D

Acq: 23 Nov 2019 02:45

Instrument :

BNA\_M

ClientSampleId :

C0AC4

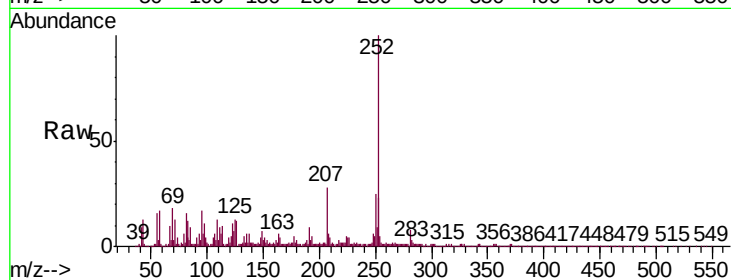
Tgt Ion:252 Resp: 2250866

Ion Ratio Lower Upper

252 100

253 23.5 17.3 25.9

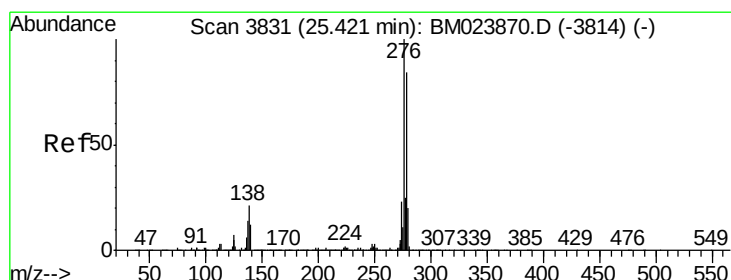
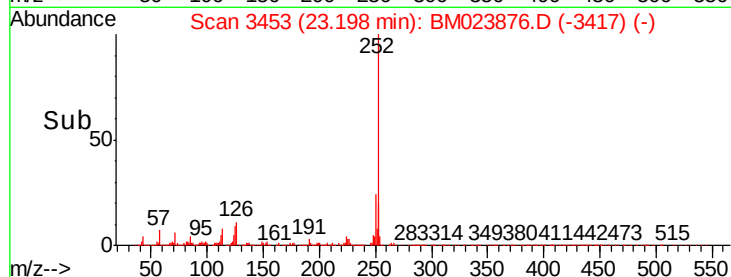
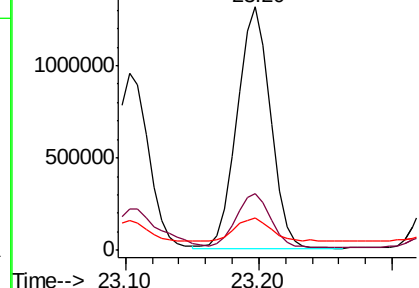
125 13.2 6.9 10.3#



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#92

Indeno(1,2,3-cd)pyrene

Concen: 10.214 ng/ul

RT: 25.43 min Scan# 3833

Delta R.T. 0.01 min

Lab File: BM023876.D

Acq: 23 Nov 2019 02:45

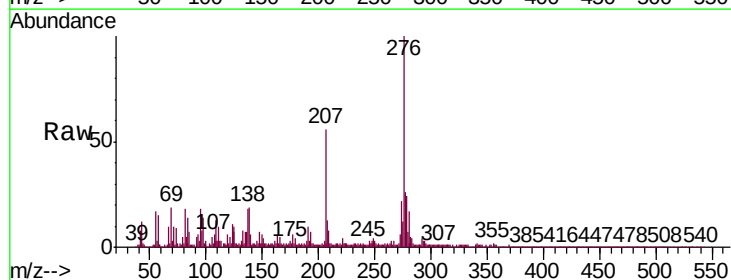
Tgt Ion:276 Resp: 1627358

Ion Ratio Lower Upper

276 100

138 18.6 15.0 22.4

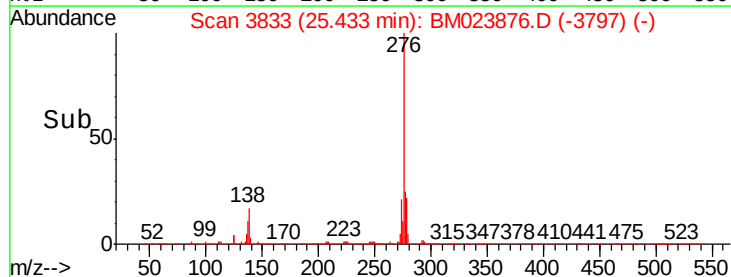
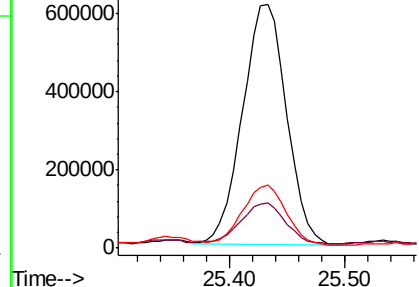
277 25.8 20.0 30.0

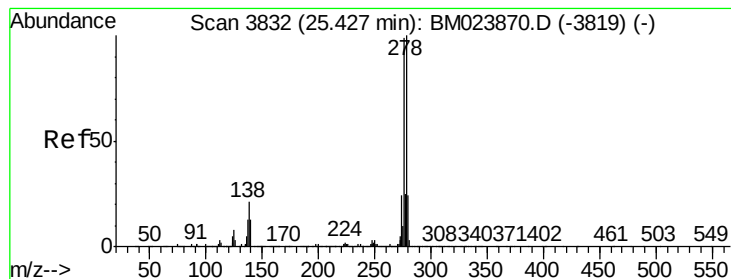


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E





#93

Dibenzo(a,h)anthracene

Concen: 3.163 ng/ul

RT: 25.43 min Scan# 3833

Delta R.T. 0.01 min

Lab File: BM023876.D

Acq: 23 Nov 2019 02:45

Instrument :

BNA\_M

ClientSampleId :

C0AC4

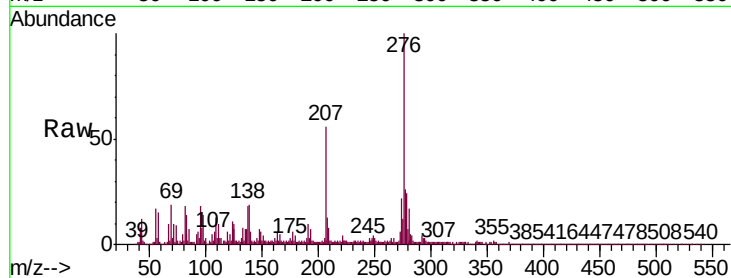
Tgt Ion:278 Resp: 425299

Ion Ratio Lower Upper

278 100

139 24.3 10.0 15.0#

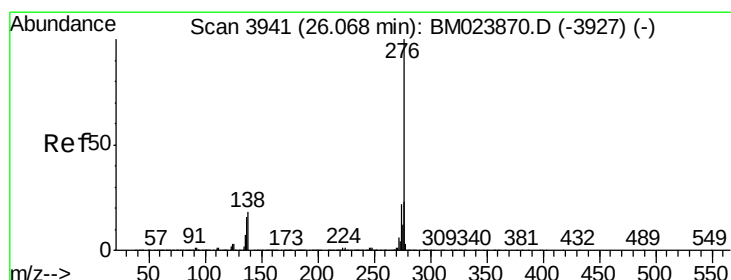
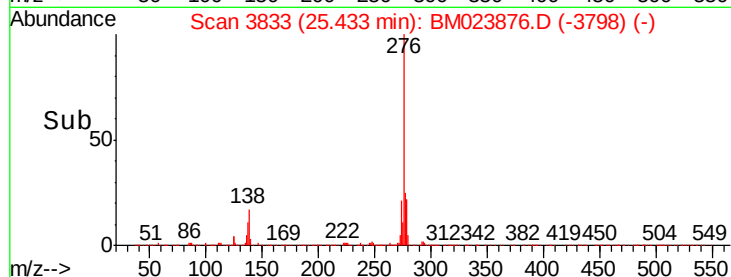
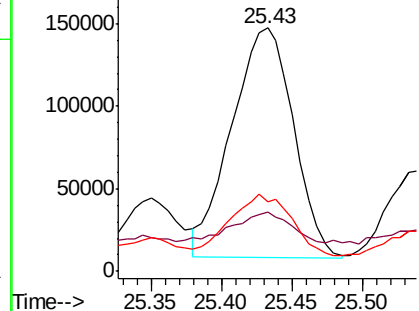
279 28.8 19.0 28.6#



Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E



#94

Benzo(g,h,i)perylene

Concen: 12.355 ng/ul

RT: 26.09 min Scan# 3944

Delta R.T. 0.02 min

Lab File: BM023876.D

Acq: 23 Nov 2019 02:45

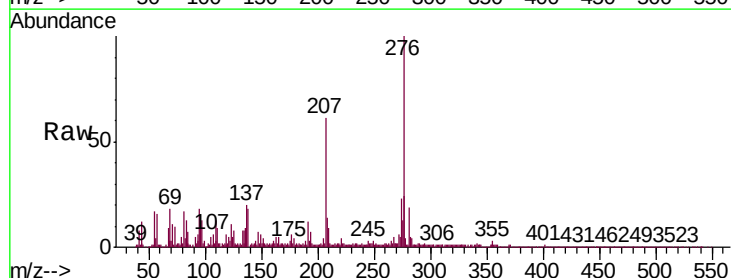
Tgt Ion:276 Resp: 1595131

Ion Ratio Lower Upper

276 100

138 17.7 13.2 19.8

277 24.2 18.6 28.0



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E

